

Abstract

A FORK-LIFT REACH TRUCK

5 A fork-lift reach truck having a driving portion and a mast portion wherein
the driving portion has at least one steerable rear driving wheel driven by a drive
motor, and a steering motor to steeringly operate the driving wheel, and two load-
carrying front wheels which are rotatably supported in parallel-spaced wheel arms,
electromagnetic braking devices for the load-carrying wheels, and a control device
10 for controlling the drive motor, the steering motor, and the braking devices in
dependence on the actuation of control elements in the fork-lift reach truck, wherein
each load-carrying wheel or a ring-shaped disc mounted on the load-carrying wheel,
laterally in a circumferential direction and at a uniform spacing, has teeth, elevations
and/or slots or the like, and that the wheel arm has fixed thereto a proximity sensor
15 which, upon rotation of the load-carrying wheel, in a speed-dependent way
generates sensor pulses which are inputted to said control device.